

Fig. 1
PRIORITY ART

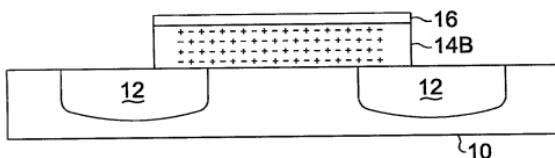


Fig. 2
PRIORITY ART

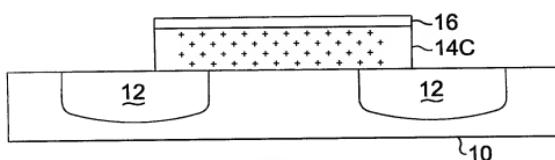


Fig. 3
PRIORITY ART

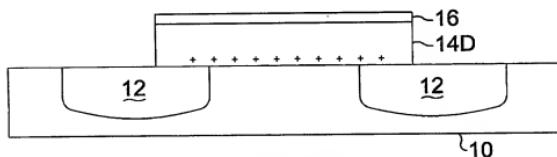
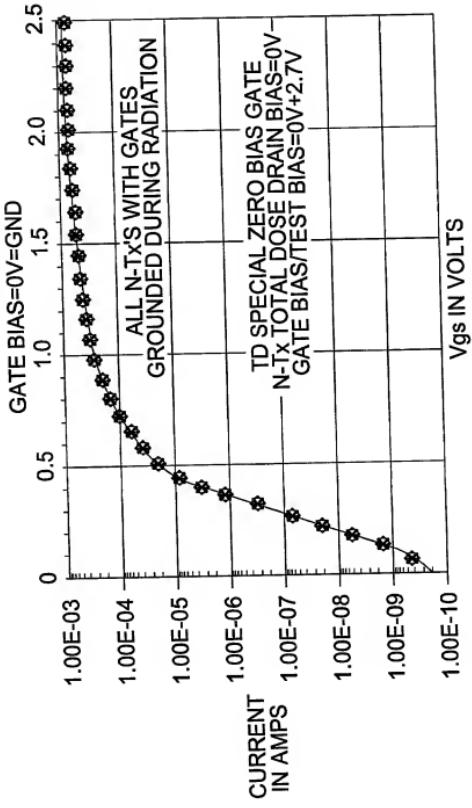


Fig. 4
PRIORITY ART

101045571 · 0553102

201E50° T<55+100°

NORMAL TRANSISTOR SATURATED CURRENT vs.
TOTAL DOSE-ZERO GATE BIASVd=0V TD BIAS (STD DURING TOTAL DOSE)
Vd=+2.7V CURRENT MEAS.

- ◆— NORMAL N-Tx 0K RAD S
- NORMAL N-Tx 100K RAD S
- ×— NORMAL N-Tx 200K RAD S
- ×— NORMAL N-Tx 300K RAD S
- *— NORMAL N-Tx 1 MEG RAD

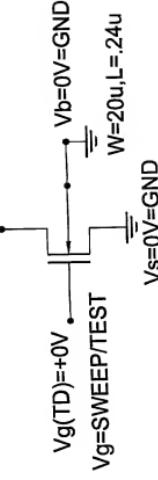
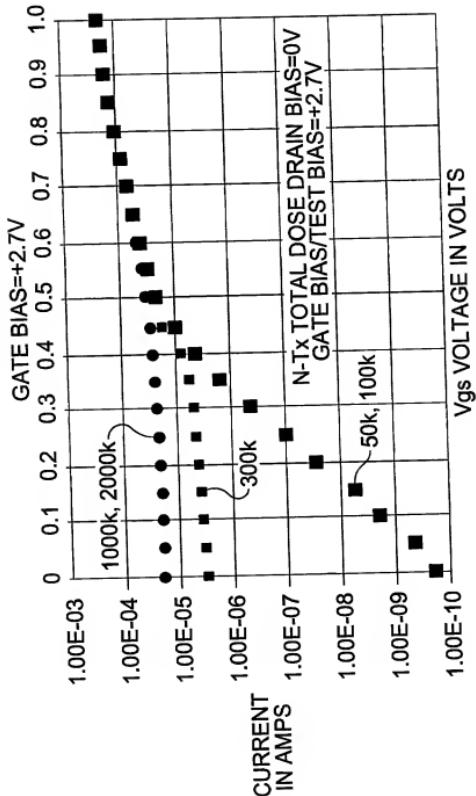


Fig. 5

NORMAL TRANSISTOR SATURATED CURRENT vs.
TOTAL DOSE BIAS=+2.7V

V_d=0V TD BIAS (STD DURING TOTAL DOSE)
V_d=+2.7V CURRENT MEAS.

- NORM 50K
- ▲ NORM 100K
- NORM 300K
- NORM 1000K
- NORM 2000K

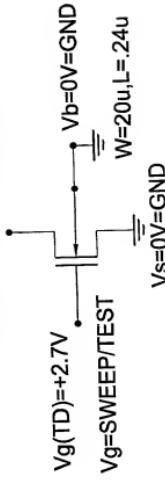
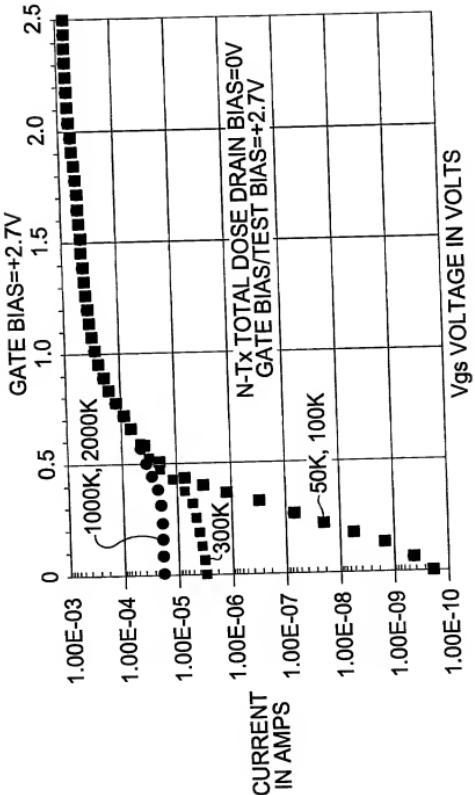


Fig. 6

NORMAL TRANSISTOR SATURATED CURRENT vs.
TOTAL DOSE BIAS=±2.7V

Vd=0V TD BIAS (STD DURING TOTAL DOSE)
Vd=±2.7V CURRENT MEAS.

- NORM 50K
- ▲ NORM 100K
- NORM 300K
- NORM 1000K
- NORM 2000K

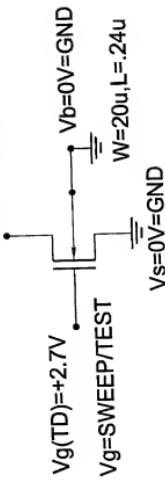


Fig. 7

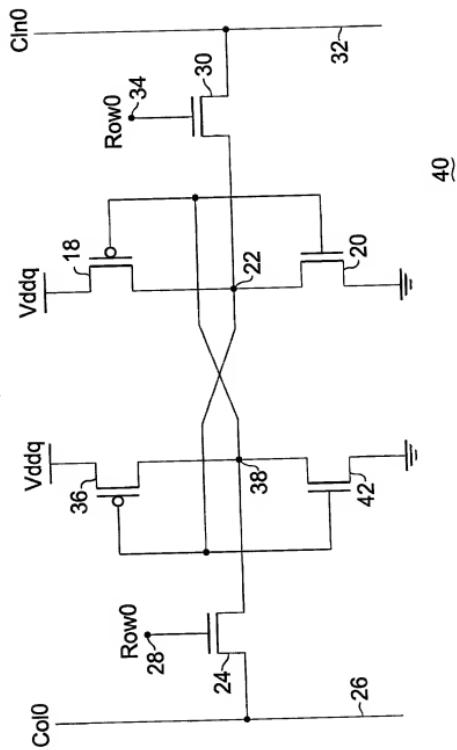


Fig. 8

10045571.053102

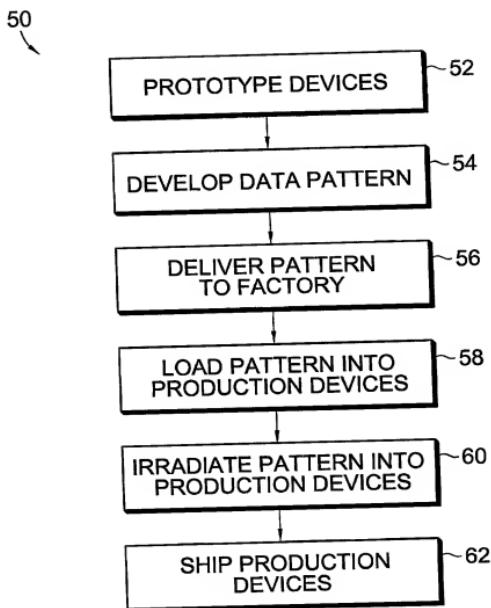
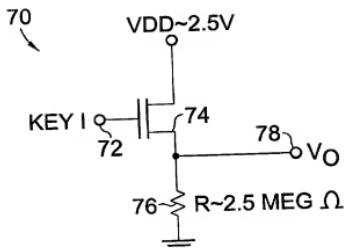
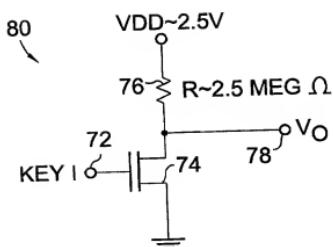
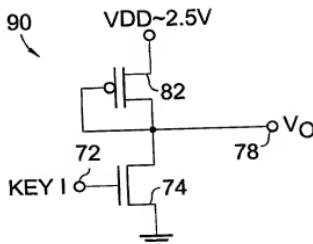
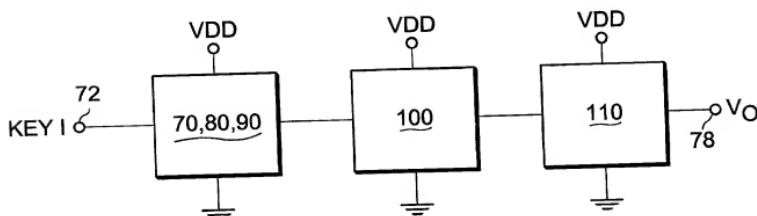


Fig. 9

**Fig. 10****Fig. 11****Fig. 12****Fig. 13**